



SERVICE REPAIR ESTIMATE

TO: DAVID BROWN **FAX:** 727-588-3767
CUSTOMER NUMBER: T107 **PHONE:** 727-588-3769
CUSTOMER: TOWN OF BELLEAIR **EMAIL:** DBROWN@TOWNOFBELLEAIR.NET
FROM: Todd Kregel **PHONE:** 727-536-9979
tkregel@paramountpwr.com **FAX:** 727-530-1495
DATE: 11/25/2020 **PAGES:** 1
ESTIMATE NUMBER: 91445 **EQUIPMENT:** 500KW CATERPILLAR
SITE NAME: BELLEAIR WATER TREATMENT
CRN#:

REPAIR NEEDED: ESTIMATE PROVIDED AFTER SERVICE CALL (WORK ORDER # 91427) - TECHNICIAN NOTES THAT THE RADIATOR IS LEAKING AND NEEDS TO BE REPLACED. THIS WOULD BE A MULTI-DAY PROCESS THAT WOULD REQUIRE THE USE OF THE PLANT'S PARKING LOT FOR A CRANE TO BE SET UP. THIS ESTIMATE INCLUDES THE COST OF A NEW RADIATOR ASSEMBLY, NEW RADIATOR HOSE UNIONS, NEW ENGINE THERMOSTATS, NEW COOLANT, NEW BYPASS HOSES, THE COST OF A CRANE AND RIGGERS, SPECIALITY LIFTING EQUIPMENT, AND THE PROJECTED COST OF LABOR TO DISASSEMBLE THE FRONT SCOOP AND REPLACE THE RADIATOR DURING NORMAL BUSINESS HOURS. 80

ESTIMATED COST: \$32,001.42
(plus applicable tax)

This estimate is valid for 30 days, and includes only the items listed. Any additional parts and labor that are deemed necessary, but not listed, will be billed accordingly. THIS ESTIMATE DOES NOT INCLUDE THE COST OF PERMITTING, STATE/FEDERAL INSPECTIONS, OR ENGINEERING - CUSTOMER IS SOLELY RESPONSIBLE FOR VERIFYING AND EXECUTING ANY EXTERNAL REQUIREMENTS SET FORTH BY THE STATE OR ANY STATE AGENCIES.

The labor rate is based on normal working hours of 8am to 4:30pm Monday through Friday. Any work done before or after these hours or on weekends will be billed at an over-time rate of time and one half.

In addition to the parts and labor listed, a trip charge of \$1.30 per mile may be calculated and added to the final invoice, unless otherwise specified in a contractual agreement. If this estimate is a result of a service call to diagnose a problem with your equipment, the charges for that service call are not included in this estimate unless specifically mentioned in the box above.

Should you have any questions regarding this estimate, please contact the person shown above at 727-536-9979.

If you desire the work in this estimate to be performed, please sign, date, and print the purchase order (if required by your facility) and reply to the email in which this estimate was sent or send an email to parts@paramountpwr.com with a formal approval.

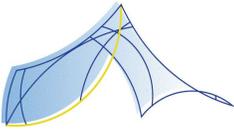
Signature

Date

Printed Name

PO Number

THANK YOU FOR THE OPPORTUNITY TO SERVICE YOUR EQUIPMENT!



PARAMOUNT POWER

727-536-9979

Customer Number: T107
 Address: TOWN OF BELLEAIR
 901 PONCE DE LEON BLVD.
 BELLEAIR, FL 33756

Problem: BELLEAIR WATER TREATMENT
 Location: 107 BELLEAIR AVE.
 BELLEAIR, FL
 5

Work Order #: 91427
 Call Received By: TODD
 Mileage: 7

Product #: 5818
 Mgmt Phone: 727-588-3769
 Mgmt Contact: JOYCE SPARKMAN
 Preventive Maintenance NFPA 110, Table A-6-3.1 (a)

Call Date: 11/23/2020
 Location Phone: 727-588-3769 403
 Location Contact: DAVID BROWN

Generator Set Package Specifications
 Make: CATERPILLAR
 AMPs:
 Spec No:
Engine Specifications
 Make: CAT
 Bat Size: 4D
Engine Generator End Specifications
 Gen Make:
 Automatic Transfer Switch
 ATS Make: ASCO

Model: 3412
 Voltage: 480

Ser No: 81Z24812
 Hertz: 60

Kw: 500
 Phase: 3

Model: SR4
 Bat Volt: 24

Ser No: 81Z24812
 Bat Qty: 2

Fuel Type: DIESEL
 Engine Specs:

Model:
 Model:

Ser No:
 Ser No:

Gen Spec:
 ATS Spec:

Service Call:

CUSTOMER INDICATES THAT THE UNIT IS LEAKING COOLANT. THEY SHUT THE UNIT OFF AND WOULD LIKE FOR A TECHNICIAN TO COME OUT AND TAKE A LOOK. MR. BROWN 727-647-7488

Abbreviations: VI: Visual Inspections CL: Clean CH: Change CK: Check R: Record T: Test

Fuel System

Day Tank Float Switch (VI,T)
 Day Tank Level (VI,CK)
 Fuel Filters (CH)
 Hoses and Connections (VI)
 Main Supply Tank Level (VI,R)
 Main Supply Tank Level 2
 Main Supply Tank Level 3
 Piping/Tubing (VI)
 Solenoid Valve Operation (VI,T)
 Strainers or Traps (CL)
 Supply or Transfer Pump (VI,T)
 Tank Vents and Overflow (CK,T)
 Water in System (VI,T)

System Summary

All System Breakers Closed
 Unit Left in Auto

Cooling System

Antifreeze Protection Freeze Point (T)
 Belt Condition and Tension (VI,CK)
 Condition of Radiator Exterior (VI,CL)
 Coolant Appearance (VI)
 Coolant Filter (CH)
 Coolant Level (VI,CK)
 Hoses and Connections (VI,CK)
 Inhibitor Protection (T)
 Jacket Water Heater (CK)
 Pressure Test Cap and System (T)
 Louvers and Ducts (VI,T)
 Water Pump (VI)

Battery System

Battery Age (VI,R)
 Battery Charger Equalize Operatn. (CK,R)
 Battery Charger Float Operation (VI,R)
 Clean and Tighten Terminals (VI,CK)
 Electrolyte Level (CK)
 Load Test (T,R)
 Specific Gravity/State of Charge (T)

System Operation

Amps: Phase 1
 Amps: Phase 2
 Amps: Phase 3
 Battery Charger Alternator (VI,R) AVDC
 Building Load Test (T)
 Coolant System Leaks (VI)
 Exhaust Opacity (VI)
 Exhaust System Leaks (VI)
 Exhaust Wet Stacking (VI)
 Fuel System Leaks (VI)
 Governor Operation (VI,CK)
 Loaded Hertz (CK,R)
 Loaded Voltage (CK,R)
 Manual Start (T)
 Oil Pressure (VI,R)
 Oil System Leaks (VI)
 Pre-Alarm System (T)
 Proper Air Flow (VI)
 Shutdown System (T)
 Unloaded Hertz (CK,R)
 Unloaded Voltage (CK,R) VAC
 Unusual Vibrations/Noise (VI,CK)
 Water Temperature (VI,R)

Exhaust System

Drain Condensate (CK)
 Flexible Connector (VI)
 Insulation (VI,CK)
 Rain Cap or Metered Section (VI)
 Silencer and Piping Condition (VI)
 Supports (VI,CK)
 A.T.S.
 Cabinet Lamps (VI)
 Control Relays (VI)
 Control Wiring/Connections (VI,CK)
 Exercisor Clock (VI,R)
 General Appearance (VI,CL)
 Inphase/Program Transition
 Main Contacts (VI)
 Power Monitors (VI)
 Time Delay Operations min.
 Time Delay Operations sec.

Lubrication System

Crankcase Breather (CK,CL)
 Crankcase Oil Level (CK,CL)
 Governor Oil (CH)
 Governor Oil (VI,CK)
 Hose Piping and Fittings (VI,CK)
 Oil Change (CH)
 Oil Filters (CH)
 Oil Sample
Generator
 Bearings (VI)
 Brushes, Slip-Rings, Commutator (VI,CK,CL)
 Diodes, Surge Supprsr, Heat Sink (VI,CL)
 Flexplate (VI)
 Fuse, Circuit Breaker (VI,CL,T)
 General Appearance
 Mounting Hardware (VI,CK)
 Stator, Rotor, Excitor (VI)
 Voltage Regulator (VI,CL)
 Wiring and Connections (VI,CK)

Intake System

Air Filter (VI)
 Air Filter Replaced
 Air Filter Serviced
 Hoses and Clamps (VI,CK)
 PVC/Breather (VI,CK)
 PVC/Breather Replaced
 PVC/Breather Serviced
 Turbo Charger (VI,CK)

Prime Mover

Carburator Adjustments (CK)
 General Appearance (VI,CL)
 Governor Link Binding (VI,CK,Lube)
 Tune Up (spark ignited engine) (CH)
 Vibration Damper (VI)
 Vibration Isolation Mounts (VI)
 Wiring and Connections (VI,CK)

Ancillary Equipment

Annunciator (VI)
 Generator Enclosure (VI) Lube Hinges

TYPE OF SERVICE: SERVICE UNIT HOURS: DATE OF SERVICE: 11/24/2020

Comments: THIS RADIATORS CORE HAS BROKE THE RADIATOR WILL NEED TO BE TAKEN OUT AND REPAIRED OR REPLACED WITH A NEW RADIATOR. WE WILL NEED TO PUT A 400KW PORTABLE GENERATOR ON SITE WILL NEED 21 CABLES OF 50FT 4/0 CAM TO CAMS, 10 MALE PIGTAILS, 10 FEMALE PIGTAILS ONLY GROUNDS, 4 EXTENTSION CHORDS, EXTRA LONG RELAY CONTROLLED AUTO START CABLES CUSTOMER WANTS INSTALLATION ON 11/25/2020 IN THE AM. LEFT THE UNIT IN OFF THIS UNITS RADIATOR REPLACEMENT WILL NEED TO BE INSPECTED WITH MANAGEMENT.

